

## Parallel Session on Innovation of Work Safety Governance from a Global Perspective

### 【Basic Information】

#### Moderator:

Zhou Fubao

President of the China Academy of Work Safety,  
President of National Academy of Security Science and  
Engineering of the Ministry of Emergency Management of China

#### Keynote Speeches:

Song Yuanming

Vice Minister of Ministry of Emergency Management of China

Zhang Xiaohong

Vice Mayor of Shanghai

Chang-Hee Lee

Director of the ILO Country Office for China and Mongolia

#### Panel Discussion:

Yu Bing

Director, President, China Energy Investment Corporation

Yu Jin

Deputy General Manager and Safety Director of China National  
Offshore Oil Corporation (CNOOC)

Xu Ke

Chief Engineer of Hubei Provincial Emergency Management Department

Fu Gui

Director and Professor of Safety Management Research Center,  
China University of Mining and Technology (Beijing)

Jan Peter Bredehoeft

Senior Vice President,  
Operations and Site Management Greater China, BASF

Gary Knight

Vice President of Integrated Nylon Operations, Invista, USA

Roy BA

Director of Strategy and Business Development,  
Caterpillar (China) Investment Co., Ltd.

## **【Brief Introduction】**

On the afternoon of November 5, 2023, the Parallel Session on Innovation of Work Safety Governance from a Global Perspective of the Sixth Hongqiao International Economic Forum (HQF), was hosted by Ministry of Emergency Management of China and ILO at the National Exhibition and Convention Center (Shanghai). Song Yuanming, Vice Minister of the Ministry of Emergency Management of China, Zhang Xiaohong, Vice Mayor of Shanghai, and Chang-Hee Lee, Director of the ILO Country Office for China and Mongolia, attended the event and delivered keynote speeches. Leaders of relevant international organizations and representatives from government departments, research institutions, universities, enterprises, and social organizations had discussions on topics such as “New Situation, Challenges and Requirements for Building Work Safety Capacities on the New Journey of China’s Modernization Drive”, “Mutual Recognition of Work Safety Standards between China and the International Community”, “Enterprise Work Safety Compliance Management”, “Large-Scale Group Enterprises’ Response to Traditional and Non-Traditional Risks”, and “The Promotion Role of Technological Innovation in the Improvement of Work Safety Levels”.



## 【Keynote Speeches】



Song Yuanming, Vice Minister of the Ministry of Emergency Management of China, attended the Parallel Session on Innovation of Work Safety Governance from a Global Perspective in Shanghai and delivered a speech

Song Yuanming, Vice Minister of the Ministry of Emergency Management of China, pointed out that the Chinese government attaches great importance to work safety, and President Xi Jinping has made a series of important statements on work safety. The 20th National Congress of the Communist Party of China (CPC) also made important arrangements for ensuring work safety. From 2012 to 2022, the total number of work safety accidents and that of deaths in the country decreased by 92.2% and 70.9%, respectively. The number of serious and major accidents and that of deaths also decreased by 81.4% and 76.5%, respectively. Work safety technology and management experience know no borders, and it is hoped that through this parallel session, the modernization of the emergency management system and capabilities can be advanced. This will promote the high-quality development of such four elements of enterprise work safety as “people, machines, environment, and management”, increase the level of safety assurance, and improve the sense of happiness, sense of achievement, and sense of security of the people.





Zhang Xiaohong, Vice Mayor of Shanghai, attended the Parallel Session on Innovation of Work Safety Governance from a Global Perspective in Shanghai and delivered a speech

Zhang Xiaohong, Vice Mayor of Shanghai, stated that for a safe and resilient mega-city with a large economic scale, a large population base, and diverse production and business activities, the following points should be emphasized: first, firmly establish the concept of safe development, conscientiously implement President Xi's important statements on work safety, and thoroughly carry out major risk and hazard investigations and rectifications; second, continuously improve the safety management system, strictly implement the work safety responsibilities of various entities, actively explore new and effective measures, and strengthen basic capacity building and sci-tech empowerment; third, make efforts to explore a new pattern of diversified governance, promote the participation of social forces, and actively engage in exchanges and interactions with governments, international organizations, enterprises, and social institutions in the field of work safety.



Chang-Hee Lee, Director of the ILO Country Office for China and Mongolia, attended the Parallel Session on Innovation of Work Safety Governance from a Global Perspective in Shanghai and delivered a speech

Chang-Hee Lee, Director of the ILO Country Office for China and Mongolia, noted that a safe and healthy workplace and healthy workers are key conditions for sustainable development. In 2022, at the International Labour Conference, representatives of workers and employers from the governments of ILO member countries decided to incorporate a safe and healthy working environment into the basic principles and rights framework of the organization. An increasing number of free trade and investment agreements also include the fundamental conventions of ILO. As a major country in foreign direct investment (FDI) inflow and outflow, China can promote safety and health in a more open world economy, and have a significant impact on working conditions in the global supply chain.



Zhou Fubao, President of the China Academy of Work Safety, President of National Academy of Security Science and Engineering of the Ministry of Emergency Management of China, moderated the Parallel Session on Innovation of Work Safety Governance from a Global Perspective in Shanghai

## 【Panel Discussion】



Fu Gui, Director and Professor of Safety Management Research Center of China University of Mining and Technology (Beijing), attended the Parallel Session on Innovation of Work Safety Governance from a Global Perspective in Shanghai and participated in panel discussion

Fu Gui, Director and Professor of Safety Management Research Center of China University of Mining and Technology (Beijing), stated that from 2002 to 2022, the number of deaths from work-related accidents in China decreased by over 85%. This significant achievement is mainly attributed to three reasons: first, technological advancements; second, a more perfect and stringent legal framework for work safety; and third, a notable improvement in the safety awareness of citizens and workers. As we enter a new era, we will face higher requirements and challenges in work safety. It is necessary to increase investment in basic research on accident causes, models, and theories, address the fundamental question of “what is the source of danger”, use the foundational theories of safety science to guide safety management thinking and practices, and better accomplish risk management and hazard identification.





Jan Peter Bredehoeft, Senior Vice President, Operations and Site Management Greater China, BASF, attended the Parallel Session on Innovation of Work Safety Governance from a Global Perspective in Shanghai and participated in panel discussion

Jan Peter Bredehoeft, Senior Vice President, Operations and Site Management Greater China, BASF, expressed that safe and efficient production is crucial for the sustainable development of enterprises. To better manage work safety, BASF has internally established the globally leading initiative in the chemical industry called the Responsible Care Management System (RCMS). This system aims to train and supervise practitioners to ensure safer production and management of chemicals and factory operations. Additionally, a strict internal audit mechanism has been established to ensure the implementation and execution of this system. In-depth investigations are conducted into work safety incidents, near accidents, and hazards, with timely rectifications to ensure comprehensive compliance and work safety across the entire supply chain, including enterprise suppliers.



Xu Ke, Chief Engineer of Hubei Emergency Management Department, attended the Parallel Session on Innovation of Work Safety Governance from a Global Perspective in Shanghai and participated in panel discussion

Xu Ke, Chief Engineer of Hubei Emergency Management Department, said that achieving comprehensive compliance and modernizing management systems for enterprises requires attention to four key points: first, perfecting national laws, regulations, standards, and procedures, especially for new business forms such as new energy vehicles (NEVs) and lithium iron phosphate batteries, which require advanced deployment and planning capabilities; second, establishing channels for standards to directly reach enterprises, to enable enterprises to quickly understand and adapt to standards; third, regulating work safety technical service organizations based on practical needs, effectively implementing the main responsibility of enterprises; fourth, utilizing advanced technologies such as information-based dual-prevention mechanisms, online supervision, and mechanized substitution to promote the compliance management and modernization of management capabilities in enterprises.



Yu Bing, Director and President of China Energy Investment Corporation, attended the Parallel Session on Innovation of Work Safety Governance from a Global Perspective in Shanghai and participated in panel discussion

Yu Bing, Director and President of China Energy Investment Corporation, shared the experience and practices of the corporation in dealing with traditional risks and challenges in areas such as coal mining, new energy, and coal chemical industry, as well as non-traditional risks including network, industry chain, supply chain, and ecological safety. The first is to strengthen the development of management systems and foster safety awareness and concepts; the second is to deepen special rectification efforts and enhance systematic, widespread, and major issue-specific investigation and governance; the third is to establish a list of major safety risks and a dual-prevention mechanism to conduct regular tracking and supervision and ensure effective risk control; the fourth is to enhance technological research and development, and promote the application of advanced technologies; the fifth is to implement measures for preventing network security risks and enhance the ability to respond to network risks.





Yu Jin, Deputy General Manager and Safety Director of CNOOC, attended the Parallel Session on Innovation of Work Safety Governance from a Global Perspective in Shanghai and participated in panel discussion

Yu Jin, Deputy General Manager and Safety Director of CNOOC, observed that as the global oil industry moves towards deep-sea development, the importance of technology in ensuring safety becomes crucial. CNOOC is gradually shifting from offshore platforms, floating production storage and offloading (FPSO) units, and other offshore development facilities to “underwater factories”, and mitigating risks by moving towards the underwater seabed. Currently, “Deep Sea No. 1” has achieved the development of underwater systems at depths exceeding 1,500 meters, with drilling capabilities and some facility capabilities at depths of around 3,000 meters. Additionally, CNOOC is utilizing information-based and intelligent means to strengthen sensing, response, and reaction capabilities, and enhancing the well leakage detection during drilling and the perception of surfaces and bodies of refining enterprises. It also uses aerial satellite technology to connect air with sky and sea, perceive underwater facilities, and monitor issues such as oil spills and underwater pipeline leaks.





Gary Knight, Vice President of Integrated Nylon Operations, Invista, USA, attended the Parallel Session on Innovation of Work Safety Governance from a Global Perspective in Shanghai and participated in panel discussion



Roy BA, Director of Strategy and Business Development, Caterpillar (China) Investment Co., Ltd., attended the Parallel Session on Innovation of Work Safety Governance from a Global Perspective in Shanghai and participated in panel discussion